

# Mineral Industry Surveys

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## GYPSUM IN MARCH 2002

Producers mined 1,410,000 metric tons of gypsum in March 2002 (table 1). Output was 14% more than that of February 2002 and slightly less than that of March 2001. Synthetic gypsum production was 455,000 tons in March 2002 (table 1), which was 14% more than that of February 2002 and slightly more than that of March 2001. Synthetic gypsum is increasingly used as a raw material for wallboard. During January and February 2002, of the 4.54-million-ton supply of gypsum in the United States, 0.83 million tons or 18.2% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 467,000 tons, slightly more than that of February 2002, and 22% less than that of March 2001.

Output of calcined gypsum was 1,870,000 tons, 18% more than that of February 2002, and 13% more than that of March 2001. Sales of board products were 2.7 billion square feet

(247 million square meters), 6% more than that of February 2002, and 8% more than that of March 2001.

Import and export data for March 2002 were not available at the time of publication. Imports of crude gypsum in February 2002 were 595,000 tons, 5% less than that of January 2002, and 20% more than that of February 2001. Gypsum wallboard imports, principally from Canada, for February 2002 were 47,000 tons, equivalent to 56 million square feet (5.2 million square meters). These imports were slightly more than that of January 2002, and 27% more than those of February 2001. Wallboard exports to 28 countries and territories in February 2002 were 5,800 tons, equivalent to 7.0 million square feet (646,000 square meters). These exports were slightly less than those of January 2002, and 23% more than that of February 2001.

TABLE 1  
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	March	February	January-March	January-March
Crude:				
Mined 3/	1,410,000	1,240,000	3,960,000	4,170,000
Imported 4/	NA	595,000	NA	2,010,000
Exported 4/	NA	21,700	NA	37,300
Synthetic gypsum 5/	455,000	398,000	1,280,000	1,200,000
Total supply	NA	2,210,000	NA	7,340,000
Calcined:				
Produced	1,870,000	1,590,000	5,120,000	4,690,000
Imported 6/	NA	1,520	NA	1,810
Exported 6/	NA	31,200	NA	32,900
Total supply	NA	1,560,000	NA	4,660,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2  
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	March	February	January -March	January-March
Uncalcined: 3/				
Portland cement	233,000	235,000	710,000	873,000
Agriculture and misc.	234,000	219,000	670,000	809,000
Total supply	467,000	454,000	1,380,000	1,680,000
Calcined:				
Board products 4/	2,210,000	2,090,000	6,410,000	5,850,000
Plaster	33,200	29,900	96,400	95,200
Total supply	2,250,000	2,120,000	6,500,000	5,950,000
Board products: (Thousand square feet) 5/				
Regular board	1,560,000	1,510,000	4,550,000	4,070,000
Type X board	826,000	762,000	2,360,000	2,230,000
Other	269,000	241,000	776,000	719,000
Total supply	2,660,000	2,510,000	7,690,000	7,020,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3  
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002		2001	
	February	January	January- February	January- February
Canada	385,000	463,000	847,000	926,000
Japan	--	--	--	1
Korea, Republic of	36	18	54	--
Mexico	86,000	161,000	247,000	252,000
Spain	125,000	2,500	127,000	117,000
United Kingdom	20	21	41	78
Total	595,000	626,000	1,220,000	1,290,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4  
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
<u>2001:</u>				
March	2,150	1,450	710	10
April	2,180	1,380	810	11
May	1,770	1,060	727	18
June	1,940	1,250	710	18
July	2,200	1,540	681	19
August	2,240	1,570	707	29
September	2,090	1,430	689	35
October	2,220	1,580	672	39
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January - December	24,600	16,600	8,270	278
<u>2002:</u>				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	NA	1,410	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5  
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
March:											
Lath	--	10	--	--	--	--	--	--	8	--	17
Veneer base	21,400	3,130	7,610	1,300	8,970	32	177	555	1,790	16	45,000
Sheathing	1,060	3,340	2,780	5,300	8,930	1,730	10,400	6,820	7,990	732	49,100
Regular gypsum board	41,000	148,000	222,000	109,000	422,000	109,000	199,000	144,000	146,000	20,500	1,560,000
Type X gypsum board	24,500	80,100	123,000	67,800	148,000	31,100	93,100	102,000	153,000	3,330	826,000
Predecorated board	408	715	1,220	574	1,530	435	991	377	662	78	6,990
5/16 Mobile home board	--	1,350	8,280	16	20,200	21,500	12,000	802	953	75	65,100
Water/moisture resistant board	4,880	17,300	13,500	5,900	22,700	4,030	10,800	9,330	12,300	2,630	103,000
Total	93,300	254,000	379,000	190,000	632,000	167,000	326,000	264,000	323,000	27,400	2,660,000
January - March:											
Lath	--	10	--	--	--	--	--	--	8	--	18
Veneer base	61,800	9,460	25,000	3,170	28,000	129	358	1,620	4,760	46	134,000
Sheathing	3,370	9,360	9,730	14,800	26,900	5,410	28,800	18,100	22,200	2,230	141,000
Regular gypsum board	122,000	433,000	660,000	332,000	1,220,000	309,000	566,000	412,000	443,000	53,300	4,550,000
Type X gypsum board	72,400	238,000	361,000	199,000	406,000	85,700	260,000	289,000	437,000	8,460	2,360,000
Predecorated board	1,140	1,720	3,230	1,530	4,170	1,020	2,670	930	2,060	207	18,700
5/16 Mobile home board	--	4,130	23,900	27	58,000	57,500	36,500	4,300	3,340	75	188,000
Water/moisture resistant board	14,100	49,700	39,600	17,800	63,800	11,200	30,600	25,200	35,700	6,760	295,000
Total	275,000	745,000	1,120,000	569,000	1,810,000	470,000	924,000	751,000	949,000	71,100	7,690,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.